ELSEVIER

Toxicology Letters 86 (1996) 223–224

Toxicology Letters

Volume contents

Volume 86 (1996)

Research articles

Perfluorodecanoic acid, a peroxisome proliferator, activates phospholipase C, inhibits CTP:phosphocholine cytidylyltransferase, and elevates diacylglycerol in rat liver
N.V. Reo, L. Narayanan, K.B. Kling, M. Adinehzadeh (USA) 1

The effects of inhibitors of cyclo-oxygenase, lipoxygenase and nitric oxide synthase pathways on the toxicity of hydroxyurea in adrenalectomized rats
P. Navarra, G. Tringali, P. Preziosi (Italy) 13

Developmental toxicity of mono-*n*-benzyl phthalate, one of the major metabolites of the plasticizer *n*-butyl benzyl phthalate, in rats
M. Ema, A. Harazono, E. Miyawaki, Y. Ogawa (Japan) 19

Biomonitoring of diesel exhaust-exposed workers. DNA and hemoglobin adducts and urinary 1-hydroxypyrene as markers of exposure
P.S. Nielsen, Åshild Andreassen, P.B. Farmer, S. Øvrebø, H. Autrup (Denmark, Norway, UK) 27

Cadmium ions influence the chemiluminescence activity of murine splenocytes both in vitro and in vivo
M. Číž, A. Lojek, B. Hošek, M. Feilhauerová (Czech Republic) 39

Mechanism of the formation of megamitochondria in the mouse liver induced by chloramphenicol
T. Matsuhashi, X. Liu, Y. Nishizawa, J. Usukura, M. Wozniak, T. Wakabayashi (Japan, Poland) 47

Book reviews 55

Special Issue — Environmental Chemicals and Respiratory Hypersensitization

Conclusions and recommendations 57

Research articles

Environmental chemicals, respiratory hypersensitization and international chemical safety
E. Smith (Switzerland) 61

The immunology of respiratory allergies
A.J. Frew (UK) 65

Genetics of asthma and atopy
L.J. Rosenwasser (USA) 73

Chemicals and proteins as allergens and adjuvants
M.L. Kapsenberg (The Netherlands) 79

The role of the gastrointestinal tract in the development of respiratory hypersensitivities
B. Björkstén (Sweden) 85

The role of the skin in the development of chemical respiratory hypersensitivity
I. Kimber (UK) 89

Environmental factors and respiratory hypersensitivity: Experiences from studies in Eastern and Western Europe
B. Björkstén (Sweden) 93

The International Study of Asthma and Allergies in Childhood (ISAAC): objectives and methods; results from German ISAAC centres concerning traffic density and wheezing and allergic rhinitis
U. Keil, S.K. Weiland, H. Duhme, L. Chambless (Germany) 99
Respiratory hypersensitivity and environmental factors: East and West Germany
T. Nicolai, E.v. Mutius (Germany) 105
Environmental factors and respiratory hypersensitivity: the Americas
R. Bascom (USA) 115
Exposure to environmental chemicals relevant for respiratory hypersensitivity: global aspects
D. Schwela (Switzerland) 131
Exposure to environmental chemicals relevant for respiratory hypersensitivity: European aspects
B. Sivertsen, J. Clench-Aas (Norway) 143
Environmental chemicals relevant for respiratory hypersensitivity: the indoor environment
R. Becher, J.K. Hongslo, M.J. Jantunen, E. Dybing (Norway; Switzerland) 155
Interaction of environmental chemicals with respiratory sensitization
H. Van Loveren, P.A. Steerenberg, J. Garssen, L. Van Bree (The Netherlands) 163
Air pollutants and respiratory hypersensitivity
J.L. Devalia, C. Rusznak, J. Wang, O.A. Khair, M.M. Abdelaziz, M.A. Calderón, R.J. Davies (UK) 169
Predictive testing for respiratory sensitisation
J. Pauluhn (Germany) 177
Structure–activity relationships and computer-assisted analysis of respiratory sensitization potential
M.H. Karol, C. Graham, R. Gealy, O.T. Macina, N. Sussman, H.S. Rosenkranz (USA) 187
Predictive testing for respiratory sensitization in the mouse
I. Kimber, J. Hilton, D.A. Basketter, R.J. Dearman (UK) 193
Socioeconomic factors and the development of allergy
D. Strachan (UK) 199
Infections and the development of allergy
P.G. Holt (Australia) 205
Environmental chemicals and respiratory hypersensitization: A synopsis
M. Løvik, E. Dybing, E. Smith (Norway; Switzerland) 211

Volume contents 223
Author index 225
Subject index 227

Predictive testing for respiratory sensitisation
J. Pauluhn (Germany) 177
Structure–activity relationships and computer-assisted analysis of respiratory sensitization potential
M.H. Karol, C. Graham, R. Gealy, O.T. Macina, N. Sussman, H.S. Rosenkranz (USA) 187
Predictive testing for respiratory sensitization in the mouse
I. Kimber, J. Hilton, D.A. Basketter, R.J. Dearman (UK) 193
Socioeconomic factors and the development of allergy
D. Strachan (UK) 199
Infections and the development of allergy
P.G. Holt (Australia) 205
Environmental chemicals and respiratory hypersensitization: A synopsis
M. Løvik, E. Dybing, E. Smith (Norway; Switzerland) 211

Volume contents 223
Author index 225
Subject index 227